

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 1		Program: Throughout document
LOCATION OF CHANGE		
Decision Number: N/A		
Page Number: various		
Column Number: N/A		
Line Number: N/A		
CHANGE		
Delete: The attached list details typographical errors, spelling errors, spacing problems and other minor changes throughout the Moab ROD/Approved RMP.		
Insert:		
REASON(s)		
To correct grammatical, spelling and formatting errors throughout the document prior to its printing and binding.		
SIGNATURES		
Program Lead	/s/ Katie Stevens	Date: 1/9/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09
Copy sent to USO Planning: _____	Date: _____	Signature: _____

Corrections to Moab ROD and Approved Plan - Typos

Additions are shown in italics.

Table of Contents

p. ii – Delete “List of Tables”

Record of Decision

- p. 21-, line 27 – need space between the comma and “including motorcycles”
- p. 38, line 15 and 16 – need space between two paragraphs (before “In addition. . .”
- p. 41, line 35 – the word “begin” should be replaced with “began” in “The formal scoping period *began* . . .”

Approved Resource Management Plan

- p. 47, line 29 – delete the last bullet in this list. The title of the EIS is “Final Vegetation Treatments . . . Bureau of Land Management, 2007”
- p. 47, line 33 – delete “and” and replace with semicolon. . . .”Division of Wildlife Resources; those pertaining to . . .”
- p. 78, line 23 – line 28 – the last five bullets (starting with “Retain public lands” and ending with “ROWS”) are coequal with the bullets above and should be moved out to the same line.
- p. 86, line 12 – there should be a space between the hyphen and the words “Scenic Driving Corridors:”
- p. 97, line 12 – make a space between the two paragraphs. The first starts with “Monitor recreation . . .” and the next paragraph starts with “continue making . . .”
- p. 119, line 8 – the “f” in “follow” is not clear.
- p. 124, line 5 – remove the grayscale in front of the words “Power lines”
- p. 133, line 18 – capitalize the “l” in “Land” in “Bureau of Land Management”
- p. 137, lines 7 and 15 – remove the word “The” in “~~The~~ Hatch Point HMP” and “~~The~~ Dolores Triangle HMP”
- p. 142, line 1 – pluralize the word “ungulates”
- p. 142, line 5 – make “areas” singular: Lockhart Bighorn Sheep habitat *area*. . .
- p. 142, line 8 – delete the word “total”, making the sentence read: “Manage 317,523 acres of desert bighorn. . .”
- p. 154, last line – the last sentence should carry over to the next page “. . . in areas designated as. . .”
- p. 156, line 1 – “for listed species” should be in parentheses, and the “f” in “for” should be lower case: “(for listed species)”
- p. 160, line 5 – remove the gray at the end of the word “non-motorized”
- p. 169 – delete “list of tables” page
- p. 170 – Appendix T and Appendix U’s listings do not line up with the other appendix titles
- p. 170 – App. O – delete the words “Tech Note 423” in the title of Appendix O

Appendix F: the page numbers in this appendix are D-1, etc. They should be F-1, etc.

Appendix K, page K-3 – footnote #3 should be in superscript (this also appears on p. K-4)

App. K, page K-4, first line of text – Table K.2 (should be a K – it says P2)

App. K, page K-4, title of second table: “Proposed for Wilderness:” (this should be a colon and not a semicolon.

App. K, p. K-4, third column: The parenthesis is not lined up with the letters “WC” (this also appears on p. K-5)

Appendix L throughout – take words out of italics throughout. All plain type.

App. L, L-1, line 16: delete the parenthesis after the word “Daily”

App. M, M-2, line 2 – add the word “with” -- “. . . OHV trailhead *with* an information kiosk”

App. N, p. N-2, lines 16, 18, and 22: change the titles of the Table to N.1, N. 2 and N. 3 throughout this appendix (to be consistent with other appendices)

App. N: p. N-3: remove blacked out columns and change the titles of the tables (in both the title and in the text) to Table N. 2, N. 3 and N.4)

App. N, p. N-6, line 3 and title of table: change to Table N.5

App. N, p. N-14, lines 15 and 20, and titles of Tables 6 and 7: change to Table N.6 and Table N.7

App. N, p. N-17: change to Table N.8

App. N, p. N-20, line 3: use lower case “m” in the word “Motorcycle”

App. N, p. N-20, line 9 and title of table: Table N.9

App. N, p. N-20, Table 9: Totals should be bolded

App. N, p. N-22 and N-23: The headers have the wrong type style (e.g. SOILS AND WATERSHED, VEGETATION, WILDLIFE AND HABITAT, WATER QUALITY, AIR QUALITY AND SOCIOECONOMIC IMPLICATIONS). They should have the same font size and shape as Cultural, Recreation etc. that follow.

App N. p. N-23: The text of both Air Quality and Socioeconomic Implications are in the wrong font.

App. N, p. N-25: The Table should be Table N.10

Appendix P, p. P-3: move P.3 over to the margin to line up correctly.

Appendix P, p. P-3, line 7 and title of Table: Table P.1 (not Table 1)

Appendix P, p. P-7, last line – call it Table P.2 (not Table 2)

App. P, p. P-8, title of table: Table P.2

App. P, p. P-16: move the word “Recreation” to the next page so it lines up with its description.

App. P, p. P-20: move the word “Wildlife” to the next page so it lines up with its description.

App. Q: the entire font and look of Appendix Q is not the same as the other Appendices. This should be corrected.

App Q, p. Q-2, line 3: there is an extra space between lines two and three.

App. Q, p. Q-2, 8th line from bottom: remove grayscale

App. Q, p. Q-11, large heading: add Q.6 to this heading (Resource Protection. . .

App. Q, p. Q-11, second line from bottom: remove grayscale

App. Q, p. Q-12: Add Q.7 in front of the heading “Conservation Measures. . .”

App. Q, p. Q-12: Add Q7.1 in front of the heading “Land Use. . .”

App. Q, p. Q-12, last line: move “Measures designed to protect. . .” down so it is on the same page as its text.

App. Q, p. Q-15, last line: move “Measures designed to protect. . .” down so it is on the same page as its text

App. Q, p. Q-16, last line: move “Measures designed to minimize. . .” down so it is on the same page as its text

App. S, p. S-4, last line: move “Salt Desert Shrub” down so it is on the same page as its text

App. U, p. 1 – 7: all the pages need a U, e.g. U-1, U-2, U-3

App. U, p. 1: The first U (in front of “Habitat Management Plans” should be larger – it is not the right size

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 1	Program: Record of Decision	
LOCATION OF CHANGE		
Decision Number: N/A		
Page Number: 40		
Column Number: N/A		
Line Number: 11		
CHANGE		
Delete:		
<p>Insert: The sentence should read “. . . on October 16, 2008. <i>The cover letter is included in Appendix B, and the entire BO is attached as a CD accompanying this document.</i>”</p> <p>Insertions are in italics.</p>		
REASON(s)		
<p>The sentence as amended is correct. Only the cover letter from USFWS concerning the BO is included in the printed document. The entire BO is available electronically and is attached to the document on a CD.</p>		
SIGNATURES		
Program Lead	/s/ Katie Stevens	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09
Copy sent to USO Planning: _____	Date: _____	Signature: _____

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 2	Program: Approved RMP – Consideration of Other Plans and Policies	
LOCATION OF CHANGE		
Decision Number: N/A		
Page Number: 45		
Column Number: N/A		
Line Number: 14		
CHANGE		
Delete:		
Insert: . . . “San Juan County Master Plan, 1996 <i>and</i> 2008.” Insertion in italics.		
REASON(s)		
The San Juan County Master Plan was amended in 2008 and that edition of the San Juan County Master Plan was also used in the preparation of the Moab Approved RMP.		
SIGNATURES		
Program Lead	/s/ Katie Stevens	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 3		Program: Approved RMP – Consideration of Other Plans and Policies
LOCATION OF CHANGE		
Decision Number: N/A		
Page Number: 45		
Column Number: N/A		
Line Number: 23		
CHANGE		
Delete:		
Insert: . . . “Uncompaghre, Dolores, <i>Monticello</i> and Price field offices . . . 1989a, 1991, 1993a.” Insertions in italics.		
REASON(s)		
The 1991 Monticello Resource Management Plan was utilized during the preparation of the Moab RMP and should be listed under “Other Federal Plans”		
SIGNATURES		
Program Lead	/s/ Katie Stevens	Date: 1/9/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 4	Program: Lands and Realty – Goals and Objectives	
LOCATION OF CHANGE		
Decision Number: N/A		
Page Number: 65		
Column Number: N/A		
Line Number: 1		
CHANGE		
Delete: “within its”		
Insert: Replace with “under BLM” to make the sentence read: “Retain lands <i>under BLM</i> administration. . .” Insertion in italics.		
REASON(s)		
To start the first sentence with a pronoun does not make the antecedent clear. “Its” refers to BLM, so the sentence was reworded to make that clear.		
SIGNATURES		
Program Lead	/s/ Mary von Koch	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 5	Program: Lands and Realty	
LOCATION OF CHANGE		
Decision Number: LAR-6		
Page Number: 65		
Column Number: N/A		
Line Number: 22		
CHANGE		
Delete:		
<p>Insert: “. . . in Appendix H <i>for minimum impact filming and standard NEPA procedures for projects not meeting minimum impact criteria.</i>”</p> <p>New words in italics.</p>		
REASON(s)		
<p>Appendix H outlines determinations on the authorization of commercial filming only on minimum impact projects. The addition is necessary to make that clear and to state that standard NEPA procedures must be followed for filming projects that do not meet minimum impact criteria.</p>		
SIGNATURES		
Program Lead	/s/ Mary von Koch	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 6	Program: Livestock Grazing	
LOCATION OF CHANGE		
Decision Number: GRA-24		
Page Number: 72		
Column Number: N/A		
Line Number: 4		
CHANGE		
Delete: "Canyon"		
Insert: "Wash" as in "... Ten Mile <i>Wash</i> downstream..." New word in italics.		
REASON(s)		
The name of the location referred to in the decision is Ten Mile Wash, not Ten Mile Canyon.		
SIGNATURES		
Program Lead	/s/ Jordan Davis	Date: 1/12/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 7	Program: Minerals	
LOCATION OF CHANGE		
Decision Number: MIN-8		
Page Number: 74		
Column Number: N/A		
Line Number: 16		
CHANGE		
Delete: "Locatable"		
Insert: "Leasable" as in "MIN-8: <i>Leasable</i> Minerals:"		
New word in italics.		
REASON(s)		
The decision concerns oil and gas leasing; oil and gas are leasable, not locatable, minerals.		
SIGNATURES		
Program Lead	/s/ Rebecca Doolittle	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 8	Program: Recreation	
LOCATION OF CHANGE		
Decision Number: REC-29		
Page Number: 84		
Column Number: N/A		
Line Number: 15		
CHANGE		
Delete: (MCA and Executive Orders).		
Insert:		
REASON(s)		
The words in parentheses are the <u>source</u> of the decision. MCA is no longer applicable because the decision is in the Approved RMP.		
SIGNATURES		
Program Lead	/s/ Russ von Koch	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 9	Program: Recreation	
LOCATION OF CHANGE		
Decision Number: REC-39		
Page Number: 90		
Column Number: N/A		
Line Number: 28		
CHANGE		
Delete: "Big"		
Insert: "Lone" as in " <i>Lone Mesa Campground</i> " Change in italics.		
REASON(s)		
The USGS has officially accepted the name of the mesa as "Lone Mesa". This replaces the local name of "Big Mesa", and the campground's moniker has been changed accordingly.		
SIGNATURES		
Program Lead	/s/ Russ von Koch	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 10	Program: Recreation	
LOCATION OF CHANGE		
Decision Number: REC-41		
Page Number: 93		
Column Number: N/A		
Line Number: 8		
CHANGE		
Delete: "OHV travel limited to designated roads and trails"		
Insert:		
REASON(s)		
<p>This decision is repeated in line 18 on the same page. . . "Limit OHV and mountain bike travel to designated routes." The decision does apply to mountain bikes as well as OHVs, and the term "designated routes" matches the nomenclature used throughout the RMP.</p>		
SIGNATURES		
Program Lead	/s/ Russ von Koch	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 11	Program: Recreation	
LOCATION OF CHANGE		
Decision Number: REC-42		
Page Number: 93		
Column Number: N/A		
Line Number: 25		
CHANGE		
Delete:		
Insert: "South" in the title " <i>South</i> Moab SRMA"		
Insertion in italics.		
REASON(s)		
The name of the SRMA is "South Moab." The word "South" was inadvertently left off the title of the decision.		
SIGNATURES		
Program Lead	/s/ Russ von Koch	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 12	Program: Special Designation: ACEC	
LOCATION OF CHANGE		
Decision Number: ACEC-3		
Page Number: 106		
Column Number: N/A		
Line Number: last bullet on page		
CHANGE		
Delete: "There are approximately 12,635 acres of this potential ACEC proposed for designation under another statutory authority (Wilderness Study Area) and no further management attention is required."		
Insert: N/A		
REASON(s)		
This statement is the reasoning for excluding the WSA portion of the Behind the Rocks ACEC from the Approved Plan. The ACEC is no longer a "potential" ACEC. The statement is deleted from the Approved Plan because it is no longer part of the decision.		
SIGNATURES		
Program Lead	/s/ Katie Stevens	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 13	Program: Special Status Species	
LOCATION OF CHANGE		
Decision Number: SSS-31 and SSS-33		
Page Number: 125		
Column Number: N/A		
Line Number: 6, 23 and 25		
CHANGE		
Delete:		
<p>Insert: Replace “m” with “<i>meters</i>” so that there is no confusion as to the unit of measure.</p> <p>New word in italics.</p>		
REASON(s)		
To ensure understanding of the stipulations.		
SIGNATURES		
Program Lead	/s/ Pam Riddle	Date: 1/9/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET

Office: Moab Field Office

Plan Name: Moab ROD/Approved RMP

Maintenance Change No. : 13 ~~A~~

Program: Wildlife - Sensitive species

LOCATION OF CHANGE

Decision Number:

Page Number: RMP 121-122

Appendix A – pages A15-A17

Column Number: Appendix A – pages A15-A17 Second column

Line Number: Appendix A – pages A15 line 3, A16, line 1 & 2-, 17 line 1

CHANGE

Deletions are struck-out and additions are underlined

SSS-23 - Greater Sage-grouse:

Implement the most current UDWR Strategic Management Plan for Sage-Grouse (UDWR, 2002 and its future revisions), the BLM National Sage-Grouse Habitat Conservation Strategy (BLM, 2004) and recommendations from local sage grouse working groups to protect, maintain, enhance, and restore Greater sage-grouse populations and habitat. ~~About 3,068 acres of~~ No potential habitat ~~has been~~ is identified within the Moab planning area according to the Utah DWR (2010). There is no sage-grouse occupation at this time. However, if occupation is identified, through coordination with UDWR, the following decisions will apply:

- All surface disturbing activities will be prohibited within 0.5 miles of Greater sage-grouse leks on a year-round basis
- Allow no surface disturbing or otherwise disruptive activities within two miles of Greater sage-grouse leks from March 15 to July 15 to protect nesting and brood rearing habitat.
- Allow no surface disturbing or otherwise disruptive activities within Greater sage-grouse winter habitat (~~3,058 acres~~) from November 15 to March 14.
- See Appendix A for oil and gas leasing stipulations, along with exceptions, modifications, or waivers.

SSS-24

Gunnison sage-grouse habitats:

Implement the most current UDWR Strategic Management Plan for Sage-Grouse (UDWR, 2002 and its future revisions), the Gunnison Sage-grouse Range-wide Conservation Plan (2005, as amended) and recommendations from local sage-grouse working groups to protect, maintain, enhance, and restore Gunnison sage-grouse populations and habitat.

~~About 175,727~~ 14,000 acres of ~~potential~~ un-occupied habitat has been identified on BLM lands within the Moab planning area according to the Utah DWR (2010). There is no Gunnison sage grouse occupation at this time. However, if occupation is identified, through cooperation with UDWR, the following decisions will apply:

- All surface disturbing activities will be prohibited within 0.6 miles of Gunnison sage-grouse leks on a year-round basis.
- Within the 0.6 mile buffer, allow no permanent aboveground facilities or power lines; prohibit or limit year-round construction of fences and where opportunity exists, remove existing fences.
- Within four miles of a lek, avoid fence construction, overhead power line construction, and

aboveground structures that provide raptor hunting perches. Where fences are necessary, increase their visibility.

- Modify or remove fences to minimize sage-grouse mortality.

See Appendix A for oil and gas leasing stipulations, along with exceptions, modifications, or waivers.

Appendix A - Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Page A15 & A16

Special Status Species: Greater Sage-grouse – Applicable Area (second column- lines)

~~3068 acres~~ **0 acres**

Page A17

Special Status Species: Gunnison Sage-grouse – Applicable Area (second column)

~~175,727 acres~~ **14,000 acres**

Insert: See above




REASON(s)

In 2010, the DWR updated its sage-grouse seasonal habitat layers. It has been over 10 years since new statewide seasonal habitat layers have been provided. This effort incorporated the latest sage-grouse telemetry information from the many sage-grouse research efforts which have been conducted around the state in the last few years. These seasonal habitat maps in combination with the new sage-grouse Breeding Density Map produced by the National Operation Center (NOC) in late 2010 should help BLM to identify important sage-grouse habitats which are worthy of conservation actions/measures and should guide BLM in designing and implementing Watershed Restoration Initiative projects for sage-grouse.

As a result of this effort a portion of Gunnison Sage Grouse habitat was removed from the Hatch Point area (see map) and more specific potential and seasonal habitats were defined. The RMP Sage Grouse map and the RMP GIS layer will be adjusted to reflect this change as per DWR shape files.

All Greater Sage Grouse habitat have been eliminated within the Moab FO and the RMP GIS layer will be adjusted to reflex this change as per DWR shape files (see map).

SIGNATURES

Program Lead		Date: 8/5/13
Environmental Coordinator		Date: 8/5/13
Manager		Date: 8/5/2013

Copy sent to USO Planning:

Date: _____

Signature: _____

Map 27 Sage Grouse Habitat - Moab RMP-Revised 8/2013

Moab Field Office
Bureau of Land Management



4350000

4300000

4250000

Utah and Ouray
Indian Reservation

Greater Sage Grouse
(North of I-70)

Gunnison Sage Grouse
(South of I-70)

Arches National
Park

Castle
Valley

Manti-LaSal
National
Forest

LaSal

Sage Grouse Habitat

- Main Roads
- - - County Boundary
- Moab Field Office Boundary
- ▨ Administered by Vernal Field Office
- Current Un-occupied Habitat (2010 UDWR)
- ▤ 2008 RMP Potential Habitat

Grid: 50,000 meter
UTM Zone 12 NAD 83

0 2.5 5 10 15 20 Miles



555000

605000

655000

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 14	Program: Appendices Throughout	
LOCATION OF CHANGE		
Decision Number: N/A		
Page Number: Throughout appendices in their entirety.		
Column Number: N/A		
Line Number: top of each page		
CHANGE		
Delete:		
Insert: Header on each page with the name of the appendix, e.g. "Appendix S: Desired Future Condition"		
REASON(s)		
For clarity and ease of finding the correct appendix.		
SIGNATURES		
Program Lead	/s/ Katie Stevens	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 15	Program: App. A: Oil and Gas Leasing Stipulations	
LOCATION OF CHANGE		
Decision Number: N/A		
Page Number: A-9		
Column Number: 1st		
Line Number: 3 rd row		
CHANGE		
Delete:		
Insert: "s" in "Landfills". Also, put in parenthesis underneath the word "Landfills" <i>(Klondike and Sand Flats)</i> Insertions in italics.		
REASON(s)		
To clarify that the decision placing an NSO on the landfill referred to both of the Grand County landfills (called Klondike and Sand Flats). This matches the stipulations shown in the GIS layer.		
SIGNATURES		
Program Lead	/s/ Rebecca Doolittle	Date: 1/13/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 16	Program: App. A: Oil and Gas Leasing Stipulations	
LOCATION OF CHANGE		
Decision Number: N/A		
Page Number: A-11, A-12 and A-13		
Column Number: 1st		
Line Number: last row on p. A-11, all three rows on p. A-12 and first row on page A-13		
CHANGE		
Delete: "Potential" in front of ACEC		
Insert:		
REASON(s)		
The five ACECs listed are no longer Potential ACECs – with the Approved RMP, they are now designated ACECs.		
SIGNATURES		
Program Lead	/s/ Rebecca Doolittle	Date: 1/14/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 17	Program: App. B: USFWS Biological Opinion	
LOCATION OF CHANGE		
Decision Number: N/A		
Page Number: B-1		
Column Number: N/A		
Line Number: 2		
CHANGE		
Delete:		
<p>Insert: “as a CD” in the sentence: “The complete Biological Opinion is attached to the Record of Decision and Approved RMP <i>as a CD.</i>”</p> <p>Insertion in italics.</p>		
REASON(s)		
<p>This clarifies that the complete Biological Opinion is not printed out in the print version, but is on a CD accompanying the print version of the ROD/Approved RMP.</p>		
SIGNATURES		
Program Lead	/s/ Pam Riddle	Date: 1/9/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 18		Program: Livestock Grazing
LOCATION OF CHANGE		
Decision Number: Appendix D: Standards for Rangeland Health and Guidelines for Grazing Management		
Page Number: Throughout Appendix D		
Column Number:		
Line Number:		
CHANGE		
Delete:		
Insert: Use corrected version of Appendix D as supplied by USO.		
REASON(s)		
There were many errors in the copy of the Standards for Rangeland Health and Guidelines for Grazing Management that accompanied the ROD. The correct copy of Standards and Guidelines has been included in the final copy.		
SIGNATURES		
Program Lead	/s/ Jordan Davis	Date: 1/12/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 19	Program: Recreation	
LOCATION OF CHANGE		
Decision Number: Appendix L		
Page Number: L-1		
Column Number: N/A		
Line Number: N/A		
CHANGE		
Delete: "canyon"		
Insert: "wash as in "Ten Mile Wash"		
REASON(s)		
The correct name of the topographical feature is Ten Mile Wash.		
SIGNATURES		
Program Lead	/s/ Russ van Koch	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 20		Program: Travel Management
LOCATION OF CHANGE		
Decision Number: Appendix N		
Page Number: N-2		
Column Number: N/A		
Line Number: N/A		
CHANGE		
Delete: Closed and limited acreage in Table N.1		
Insert: The correct acreage is 339,298 of closed acreage and 1,481,334 acres of “Limited to Designated”		
REASON(s)		
This table contains the wrong acreage for the closed and limited to designated categories. The corrected acreage is that contained in the Travel Management decision of the Approved RMP.		
SIGNATURES		
Program Lead	/s/ Bill Stevens	Date: 1/9/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 21	Program: Travel Management	
LOCATION OF CHANGE		
Decision Number: Appendix N		
Page Number: N-17 and N-18		
Column Number: N/A		
Line Number: N/A		
CHANGE		
Delete:		
Insert: "motorcycle" or "jeep" to distinguish what type of OHV route was submitted during scoping.		
REASON(s)		
To clarify that all types of OHV routes were received during the scoping period.		
SIGNATURES		
Program Lead	/s/ Bill Stevens	Date: 1/9/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 22		Program: Travel Management
LOCATION OF CHANGE		
Decision Number: Appendix N		
Page Number: N-26		
Column Number: N/A		
Line Number: N/A		
CHANGE		
Delete: “see maps of mechanized routes”		
Insert: see Map 4		
REASON(s)		
The direct reference for the mechanized route map can be supplied.		
SIGNATURES		
Program Lead	/s/ Bill Stevens	Date: 1/9/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 23		Program: Travel Management
LOCATION OF CHANGE		
Decision Number: Appendix N		
Page Number: N-26		
Column Number: N/A		
Line Number: 9		
CHANGE		
Delete: “(in those alternatives of the DEIS containing such areas)”		
Insert:		
REASON(s)		
The alternatives of the DEIS are now irrelevant as the Plan is approved.		
SIGNATURES		
Program Lead	/s/ Bill Stevens	Date: 1/9/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 24		Program: Wild and Scenic Rivers
LOCATION OF CHANGE		
Decision Number: Appendix P		
Page Number: P-10		
Column Number: N/A		
Line Number: line directly above table		
CHANGE		
Delete: “interdisciplinary”		
Insert: “cooperator”		
REASON(s)		
The meeting referred to was among BLM and its cooperators regarding suitability for Wild and Scenic River designation.		
SIGNATURES		
Program Lead	/s/ Russ van Koch	Date: 1/8/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : 25		Program: Visual Resource Management
LOCATION OF CHANGE		
Decision Number: VRM Map – Map 31		
Page Number: N/A		
Column Number: N/A		
Line Number: N/A		
CHANGE		
Delete: VRM map		
Insert: Corrected VRM map, Map 31		
REASON(s)		
The VRM map was changed to add VRM II within one half mile of the Scenic Backways on Hatch Point. The decision to manage these backways as VRM II is contained in the text of the RMP.		
SIGNATURES		
Program Lead	/s/ Rob Sweeten	Date: 1/13/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09

LUP AMENDMENT/MAINTENANCE SHEET		
Office: Moab Field Office		Plan Name: Moab ROD/Approved RMP
Maintenance Change No. : __26__	Program: _Special Designations: ACECs	
LOCATION OF CHANGE		
Decision Number:ACEC-3, ACEC-4, ACEC- 5, ACEC-6, ACEC-7		
Page Number: pages 106-108		
Column Number: N/A		
Line Number: N/A		
CHANGE		
Delete: Correct the acreages of ACECs. Delete the following acreage numbers: Behind the Rocks = 5,201 acres Cottonwood-Diamond Watershed = 35,830 acres Highway 279/Shafer Basin/Long Canyon = 13,500 acres Mill Creek Canyon = 3,721 acres Ten Mile Wash = 4,980 acres are the acreages shown in the Approved RMP		
Insert: the following correct acreage numbers: Behind the Rocks = 4,675 acres Cottonwood-Diamond Watershed = 35,006 acres Highway 279/Shafer Basin/Long Canyon = 12,543 acres Mill Creek Canyon = 5,606 acres Ten Mile Wash = 4,988 acres		
REASON(s)		
The ACEC land status data was “frozen” when the RMP was initiated so that analysis and acreages stayed constant. Once the plan was signed, GIS data was corrected so that the ACEC data matched the current land status data. Changes in ownership and integrating land status with Public Land Survey System data caused boundary changes in each of the five ACECs (see attached maps).		
SIGNATURES		
Program Lead	/s/ Katie Stevens	Date: 1/29/09
Environmental Coordinator	/s/ Daryl Trotter	Date: 2/10/09
Manager	/s/ Lynn Jackson	Date: 2/10/09
Copy sent to USO Planning: _____	Date:_____	Signature:_____

LUP AMENDMENT/MAINTENANCE SHEET**Office: Moab Field Office****Plan Name: Moab ROD/Approved RMP****Maintenance Change No. : 27****Program: Recreation****LOCATION OF CHANGE****Decision Numbers: REC-37, REC-42, REC-43, REC-44****Page Numbers: REC-37- page 86; REC-42-page 93; REC-43 -page 95; REC-44-page 96****Column Number: n/a****Line Number: n/a****CHANGE**

Delete: Acreage of Colorado Riverway SRMA = 87,294 acres
Acreage of South Moab SRMA = 63,943 acres
Acreage of Two Rivers SRMA = 28,308 acres
Acreage of Utah Rims SRMA = 15,277 acres

Insert: Acreage of Colorado Riverway SRMA = 87,352 acres
Acreage of South Moab SRMA = 64,024 acres
Acreage of Two Rivers SRMA = 28,788 acres
Acreage of Utah Rims SRMA = 15,739 acres

REASON(s)

Two land acquisitions using Land and Water Conservation Funds were effected on December 31, 2008. Both of these purchases acquired lands which were either inholdings in or adjacent to four SRMAs. LAR-13 states that "Lands acquired through future LTA will take on the management of the surrounding area." Thus, these acquired lands became part of the SRMAs listed above, increasing the acreage of these four SRMAs.

SIGNATURES**Program
Lead***Kathleen Stevens***Date:** *5.15.09***Environmental
Coordinator***Burt Northrup***Date:** *5/18/09***Manager***[Signature]***Date:** *5/18/09***Copy sent to USQ Planning:****Date:** *5/19/09***Signature:** *KS**D. Ogaard*

LUP AMENDMENT/MAINTENANCE SHEET

Office: Moab Field Office

Plan Name: Moab ROD/Approved RMP

Maintenance Change No. 28

Program: Minerals

LOCATION OF CHANGE

**Decision Number: Appendix A: Stipulations and Environmental Best Practices
Applicable to Oil and Gas Leasing and Other Surface-Disturbing Activities**

Page Numbers: A-16- 34

Column Number: n/a


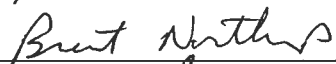
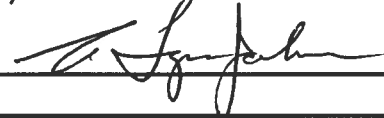
Line Number: n/a

CHANGE

- 1) Delete “and to Comply with the Endangered Species Act” from the Title of Table A4.
- 2) Delete acreage figures from Table A4 in column 2: “Applicable Area”.
- 3) Delete the word “stipulation” from the heading of the third column in Table A4.
- 4) Delete the word “stipulation” from the heading of the fourth column in Table A4.
- 5) Delete the descriptor in the “Resources of Concern” column, leaving only the name of the species in Table A4. This deletes the titles “Special Status Species”, “Federally Protected Species”, and “Special Status Species –Sensitive Raptor Species” from the first line in column 1 of Table A4.
- 6) Delete the Kit Fox row from Table A4 (p. A-29).
- 7) Delete the Critical Habitat of the Endangered Colorado Fishes from Table A4 (p. A-28).
- 8) Delete the following acres from the stipulation table in Appendix A:
 - Burrowing Owl – 1,652,024 acres
 - Ferruginous Hawk – 158,928 acres
 - Golden Eagle – 12,902 acres
 - Bald Eagle – 143,421 acres

Insert:

- 1) Move the Kit Fox row from Table A4 and move to Table A1 (p. A-16).
- 2) Move Critical Habitat of the Endangered Colorado Fishes from Table A4 to Table A-1 (p. 16).
- 3) Add the Bald Eagle stipulation (as corrected in Table A4) to Table A1 (p. A-16).
- 4) Add the Golden Eagle stipulation (as corrected in Table A4) to Table A1 (p. A-16).
- 5) Add the Ferruginous Hawk and Burrowing Owl stipulation (from Table A4) to Table A1 (p. A-16).
- 6) Add correct acreages to stipulation table in Appendix A as follows:
 - Burrowing Owl – 846,876 acres
 - Ferruginous Hawk – 174,729 acres
 - Golden Eagle – 14,378 acres
 - Bald Eagle – 171,519 acres

REASON(s)		
<p>The bald eagle, golden eagle, burrowing owl, ferruginous hawk and kit fox stipulations listed in Table A4 are actual stipulations analyzed and imposed by the Moab RMP. They should be listed in Table A1 under "Stipulations". The burrowing owl, ferruginous hawk, bald eagle and golden eagle will remain lease notices as well.</p>		
SIGNATURES		
Program Lead		Date: 7/8/09
Environmental Coordinator		Date: 7/8/09
Manager		Date: 7/8/09
Copy sent to USO Planning: _____	Date: _____	Signature: _____

LUP AMENDMENT/MAINTENANCE SHEET

Office: Moab Field Office

Plan Name: Moab ROD/Approved RMP

Maintenance Change No. : 29

Program: Special Status Species

LOCATION OF CHANGE

Decision Number: SSS-2, SSS-3, SSS-4, SSS-5, SSS-6, SSS-7, SSS-8, SSS-9, SSS-10, SSS-11, SSS-12, SSS-13, SSS-14, SSS-15, SSS-16, SSS-17, SSS-18, SSS-19, SSS-22, SSS-29, SSS-30, SSS-32

Page Number: p. 117, p. 118, p. 119, p. 120, p. 121, p. 123, p. 124

Column Number: n/a

Line Number: n/a

CHANGE

Delete: Remove the phrase "As required by the Endangered Species Act" from the first clause in decisions SSS-2, SSS-3, SSS-4, SSS-5, SSS-6, SSS-7, SSS-8, SSS-9, SSS-10, SSS-11, SSS-12, SSS-13, SSS-14, SSS-15, SSS-16, SSS-17, SSS-18, SSS-19.

Delete "see Standard Terms and Conditions (Lease Notices) which are Required to protect Special Status Species and to Comply with the Endangered Species Act, Appendix A" on p. 121 in SSS-22.

Delete "see Standard Terms and Conditions (Lease Notices) which are Required to protect Special Status Species and to Comply with the Endangered Species Act, Appendix A" on p. 121 in SSS-22.

Delete "by applying the standards terms and conditions developed in consultation with the USFWS for oil and gas leasing and other surface-disturbing activities (see Standard Terms and Conditions (Lease Notices) which are required to Protect Special Status Species and to Comply with the Endangered Species Act, Appendix A). These stipulations will preclude" on p. 123 in SSS-29.

Delete "by applying the standards terms and conditions developed in consultation with the USFWS for oil and gas leasing and other surface-disturbing activities (see Standard Terms and Conditions (Lease Notices) which are required to Protect Special Status Species and to Comply with the Endangered Species Act, Appendix A) by" on p. 123 in SSS-30.

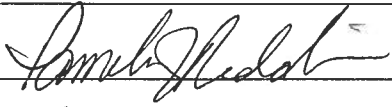
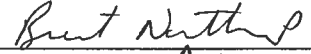

Delete "by applying the standards terms and conditions developed in consultation with the USFWS for oil and gas leasing and other surface-disturbing activities (see Standard Terms and Conditions (Lease Notices) which are required to Protect Special Status Species and to Comply with the Endangered Species Act, Appendix A)" on p. 124 in SSS-32.

Insert: "precluding" on p. 123 in SSS-29: "Protect golden eagle nest sites and habitat (12,902 acres) by precluding surface-disturbing activities..."

REASON(s)

The decisions listed above include species other than those protected by the Endangered Species Act. Therefore, the statement "to comply with the Endangered Species Act" is not accurate. In addition, the bald eagle has been delisted.

SIGNATURES

Program Lead		Date: 7/8/09
Environmental Coordinator		Date: 7/8/09
Manager		Date: 7/8/09

Copy sent to USO Planning: _____	Date: _____	Signature: _____
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LUP AMENDMENT/MAINTENANCE SHEET

Office: Moab Field Office

Plan Name: Moab ROD/Approved RMP

Maintenance Change No. : 30

Program: Recreation

LOCATION OF CHANGE

Decision Number: REC-36

Page Number: 85

Column Number: n/a

Line Number: n/a

CHANGE

Delete: "Manage the area as open to mineral leasing with controlled surface occupancy except for developed recreation sites, which will be managed as open to leasing with no surface occupancy."

Insert: "Manage the majority of the area as open to leasing with a controlled surface use or timing limitation stipulation for oil and gas leasing and other surface disturbing activities. Developed recreation sites will be managed with a no surface occupancy stipulation for oil and gas leasing and other surface disturbing activities."

REASON(s)

The deleted statement does not fully represent the management actions developed for the Canyon Rims Recreation Area. The statement to be inserted represents the leasing stipulations developed for the Canyon Rims Recreation Area.

SIGNATURES

Program Lead	<i>Kathleen C Stevens</i>	Date: 7-8-09
Environmental Coordinator	<i>Brent Arthur</i>	Date: 7/8/09
Manager	<i>[Signature]</i>	Date: 7/8/09

Copy sent to USO Planning: _____

Date: _____

Signature: _____

LUP AMENDMENT/MAINTENANCE SHEET

Office: Moab Field Office

Plan Name: Moab Field Office Record of Decision and Approved Resource Management Plan

Maintenance Change Number: 31

Program: All Programs that have stipulations included in Appendix A

LOCATION OF CHANGE

Page Number: Moab ROD/Approved RMP Appendix A, pages A-5 through A-34

CHANGE

Insert: See attached revised stipulation list

REASON(S)

To correct typographical errors, spelling, and spacing problems throughout the stipulations appendix of the ROD/Approved RMP. Also to reword the language in the stipulations such that they are written in the affirmative and consistent throughout the planning areas with new land use plans in the state of Utah without changing the decisions or the intent of the stipulations.

SIGNATURES

Program Lead	<i>Kate Stevens</i>	Date: 11/16/09
Environmental Coordinator	<i>Brent Northrup</i>	Date: 11/16/09
Manager	<i>[Signature]</i>	Date: 11/16/09

Copy sent to USO Planning:	Date: 11/16/09	Signature: <i>K Stevens</i>
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LUP AMENDMENT/MAINTENANCE SHEET**Office: Moab Field Office****Plan Name: Moab ROD/Approved RMP****Maintenance Change No. : 32****Program: Recreation****LOCATION OF CHANGE****Decision Number: #1) REC-36****#2) REC-37 and REC-39****#3) REC-43****Page Number: #1) page 86; #2) pages 86 and 89; #3) page 96****Column Number: N/A****Line Number: #1) line 6; #2) line 15 and line 20; #3) line 4****CHANGE****Delete: #2) delete 584 acres from the Colorado Riverway SRMA.****Insert: #1 add 9 acres to the Hatch Wash Hiking and Backpacking Focus Area (RMZ)****#2 add 584 acres to the Labyrinth Rims/Gemini Bridges SRMA****#3 add 33 acres to the Westwater Canyon River Use and Hiking Focus Area (RMZ)****See attached maps.****REASON(s)**

#1) The Hatch Wash Hiking and Backpacking Focus Area (RMZ) was adjusted due to a mapping error. This adjustment ensures that the RMZ is entirely within the Canyon Rims SRMA.

#2) the Goldbar/Corona Arch Hiking Focus Area (RMZ) was inadvertently split between two SRMAs (Colorado Riverway and Labyrinth Rims/Gemini Bridges SRMAs), with 584 acres assigned to the Colorado Riverway SRMA. This adjustment places the entire Goldbar/Corona Arch Hiking Focus Area within the Labyrinth Rims/Gemini Bridges SRMA.

#3) The Westwater Canyon Hiking and Backpacking Focus Area (RMZ) was intended to follow the boundary of the Two Rivers SRMA. This action corrects the boundary, increasing the RMZ by 33 acres on its western edge.

SIGNATURES**Program
Lead***Kate Stevens***Date: 4/21/10****Environmental
Coordinator***Brent Smith***Date: 4/21/10****Manager***J. Michael Smith***Date: 04/22/2010**

LUP AMENDMENT/MAINTENANCE SHEET

Office: Moab Field Office

Plan Name: Moab Field Office Record of Decision and Approved Resource Management Plan (2008)

Maintenance Change Number: Y010-2012- 33

Program: All programs that have stipulations included in Appendix A (Stipulations and Environmental Best Practices Applicable to Oil and Gas Leasing and other Surface-Disturbing Activities) [MIN-14].

LOCATION OF CHANGE

Page Number: Appendix A, pages A-1 through A-34.

CHANGE

Replace: Appendix A in its entirety with a revised Appendix A as attached.

REASON(s)

On June 6, 2008, the State of Utah provided a letter to the Bureau of Land Management regarding air quality mitigation strategies (Appendix J Record of Decision and Approved RMP). The State specifically identified the need to include interim nitrogen oxide control measures as a required condition of lease approval. The corresponding stipulations for internal combustion gas field engines are provided to add clarity to the RMP decisions for surface management activities [MIN-13].

The changes made were to correct typographical errors, spelling, and formatting throughout the stipulations appendix of the ROD/Approved RMP. Also, as identified in Washington Office Instruction Memorandum 2010-117, changes were to reword the language in the stipulations such that they are written in the affirmative voice and consistent throughout the planning areas with recently completed land use plans (2008) without changing the decisions or intent of the stipulations.

SIGNATURES

Program Lead	<i>Kathleen C Stevens</i>	Date: 11-15-11
Environmental Coordinator	<i>Burt B Nuth</i>	Date: 11/15/11
Manager	<i>Jeffrey Smith</i>	Date: 11/15/11

Copy sent to USO Planning:	Date:	Signature:
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APPENDIX A.

STIPULATIONS AND ENVIRONMENTAL BEST PRACTICES APPLICABLE TO OIL AND GAS LEASING AND OTHER SURFACE-DISTURBING ACTIVITIES

A.1

STIPULATIONS APPLICABLE TO OIL AND GAS LEASING AND OTHER SURFACE-DISTURBING ACTIVITIES

This appendix lists the stipulations for oil and gas leasing referred to throughout this Record of Decision and Approved RMP. These stipulations will also apply, where appropriate and practical, to other surface-disturbing activities (and occupancy) associated with land-use authorizations, permits, and leases issued on BLM lands. The stipulations would not apply to activities and uses where they are contrary to laws, regulations, or specific program guidance. The intent is to maintain consistency, to the extent possible, in applying stipulations to all surface-disturbing activities.

Surface-disturbing activities are those that normally result in more than negligible disturbance to public lands and accelerate the natural erosive process. Surface disturbance may, but does not always, require reclamation. These activities normally involve use and/or occupancy of the surface, cause disturbance to soils and vegetation, and are usually caused by motorized or mechanical actions. They include, but are not limited to: the use of mechanized earth-moving equipment; truck-mounted drilling and geophysical exploration equipment; off-road vehicle travel in areas designated as limited or closed to off-road vehicle use; vegetation treatments; construction of facilities such as power lines, pipelines, oil and gas wells; recreation sites, improvements for range and wildlife; new road construction; and use of pyrotechnics and explosives. Surface disturbance is not normally caused by casual-use activities. Activities that are not considered surface-disturbing include, but are not limited to: livestock grazing, cross-country hiking, minimum impact filming, and vehicular travel on designated routes.

A.1.1

DESCRIPTION OF STIPULATIONS

The following tables show resources of concern and stipulations including exceptions, modifications, and waivers by alternative. Three types of stipulations could be applied to land-use authorizations: 1) no surface occupancy (NSO), 2) timing limitations (TL), and 3) controlled surface use (CSU). Although not a stipulation, areas that are closed to oil and gas leasing and other surface-disturbing activities are also identified in the tables. All other areas are open to oil and gas leasing subject to standard terms and conditions.

Areas identified as NSO are open to oil and gas leasing but surface-disturbing activities can not be conducted on the surface of the land. Access to oil and gas deposits would require horizontal drilling from outside the boundaries of the NSO areas. NSO areas are avoidance areas for rights-of-way; no rights-of-ways would be granted in NSO areas unless there are no feasible alternatives. Where necessary in the future, NSO areas could be recommended for withdrawal

from operations conducted under the mining laws (locatable minerals) if unacceptable resource impacts are occurring or could occur. A NSO stipulation cannot be applied to operations conducted under the mining laws without a withdrawal. A withdrawal is not a land-use planning decision because it must be approved by the Secretary of Interior. Therefore, unless withdrawn, areas identified as NSO are open to operations conducted under the mining laws subject only to TL and CSU stipulations, which are consistent with the rights granted under the mining laws.

Areas identified as TL are open to oil and gas leasing but would be closed to surface-disturbing activities during identified time frames. This stipulation would not apply to operation and maintenance activities, including associated vehicle travel, unless otherwise specified.

Areas identified as CSU are open to oil and gas leasing but would require proposals for surface-disturbing activities to be authorized only according to the controls or constraints specified.

Areas identified as closed are not open to oil and gas leasing. Exceptions, modifications, and waivers do not apply to closed areas. Closed areas are exclusion areas for rights-of-way. WSAs and wilderness areas are closed to oil and gas leasing by the regulations found at 43 CFR 3100.0-3(a)(2)viii and xi. Also, areas identified with wilderness characteristics are closed in Alternative B. Other areas are partially closed to oil and gas leasing where it is not reasonable to apply a NSO stipulation across the entire area. This includes areas where the oil and gas resources are physically inaccessible by current directional drilling technology (1 mile) from outside the NSO area. These lands closed to oil and gas leasing are retained with a NSO stipulation for all other surface-disturbing activities and exceptions, modifications, and waivers apply to these activities. Closed areas identified with wilderness characteristics in Alternative B could be recommended for withdrawal of operations conducted under the mining laws. WSAs and wilderness areas are already protected from these activities by withdrawal or existing laws, regulations, and policies.

A.1.2

EXCEPTIONS, MODIFICATIONS, AND WAIVERS

Stipulations could be excepted, modified, or waived by the authorized officer. An exception exempts the holder of the land-use authorization document from the stipulation on a one-time basis. A modification changes the language or provisions of a surface stipulation, either temporarily or permanently. A waiver permanently exempts the surface stipulation. The environmental analysis document prepared for site specific proposals such as oil and gas development (i.e., APDs, sundry notices) also would need to address proposals to exempt, modify, or waive a surface stipulation.

A.1.3

STANDARD TERMS AND CONDITIONS

All surface-disturbing activities are subject to standard terms and conditions. These include the restrictions that are required for proposed actions in order to protect special status species and to comply with the Endangered Species Act. The requirements for individual species are found at the end of Table C.1. Standard terms and conditions for oil and gas leasing provide for relocation of proposed operations up to 200 meters, and provide for prohibiting surface-disturbing operations for a period not exceeding 60 days. The stipulations addressed in the table that are within the parameters of 200 meters and 60 days are considered open to oil and gas leasing subject to standard terms and conditions.

The placement of production facilities on hilltops and ridgelines will be prohibited where they are highly visible.

A.1.4

ENVIRONMENTAL BEST MANAGEMENT PRACTICES (BMP) FOR OIL AND GAS OPERATIONS

Best Management Practices (BMP) are state-of-the-art mitigation measures applied on a site-specific basis to reduce, prevent, or avoid adverse environmental or social impacts. BMPs are applied to management actions to aid in achieving desired outcomes for safe, environmentally sound, resource development by preventing, minimizing, or mitigating adverse impacts and reducing conflicts. For each proposed action, a number of BMPs may be applied as necessary to mitigate expected impacts. The following typical environmental BMPs will be applied on individual Applications for Permit to Drill and associated rights-of-way in the Moab Field Office. These procedures are consistent with current national guidance and the Surface Operating Standards and Guidelines for Oil and Gas Development (Gold Book), 2007. This list is not comprehensive and may be modified over time as conditions change and new practices are identified.

- Interim reclamation of the well and access road will begin as soon as practicable after a well is placed in production. Facilities will be grouped on the pads to allow for maximum interim reclamation. Interim reclamation will include road cuts and fills and will extend to within close proximity of the wellhead and production facilities.
- All aboveground facilities including power boxes, building doors, roofs, and any visible equipment will be painted a color selected from the latest national color charts that best allows the facility to blend into the background.
- All new roads will be designed and constructed to a safe and appropriate standard, “no higher than necessary” to accommodate intended vehicular use. Roads will follow the contour of the land where practical. Existing oil and gas roads that are in eroded condition or contribute to other resource concerns will be brought to BLM standards within a reasonable period of time.
- Final reclamation of all oil and gas disturbance will involve re-contouring of all disturbed areas, including access roads, to the original contour or a contour that blends with the surrounding topography and revegetating all disturbed areas.

- Raptor perch avoidance devices will be installed on all new power lines and existing lines that present a potential hazard to raptors.
- All power lines to individual well locations (excluding major power source lines to the operating oil or gas field) and all flow lines will be buried in or immediately adjacent to the access roads.
- In developing oil and gas fields, all production facilities will be centralized to avoid tanks and associated facilities on each well pad.
- The use of submersible pumps will be strongly encouraged, especially in VRM Class I, II or III areas or any area visible by the visiting public.
- The use of partial or completely below-grade wellheads will be strongly encouraged in high visibility areas as well as VRM Class I, II or III areas.
- Multiple wells will be drilled from a single well pad wherever feasible.
- Noise reduction techniques and designs will be used to reduce noise from compressors or other motorized equipment.
- Seasonal restrictions on public vehicular access will be evaluated where there are wildlife conflict or road damage/maintenance issues.
- The placement of production facilities on hilltops and ridgelines will be prohibited where they are highly visible.
- Monitoring of wildlife will occur to evaluate the effects of oil and gas development.
- The placement of production facilities on hilltops and ridgelines will be avoided.
- Facilities will be screened from view.
- Oil field wastes and spills will be bio-remediated.
- Common utility or right-of-way corridors containing roads, power lines, and pipelines will be used.

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Air Quality	Planning Area	—	<p>All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 grams of NO_x per horsepower-hour.</p> <p>Exception: This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.</p> <p>Modification: None</p> <p>Waiver: None</p> <p>AND</p> <p>All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gram of NO_x per horsepower-hour.</p> <p>Exception: None</p> <p>Modification: None</p> <p>Waiver: None</p>
Floodplains, Riparian Areas, Springs, and Public Water Reserves	Planning Area	CSU Open with standard terms for oil and gas leasing. The 200 meter rule would apply.	<p>No surface-disturbing activities within 100 year floodplains or within 100 meters of riparian areas. Also, no surface-disturbing activities within public water reserves or within 100 meters of springs.</p> <p>Purpose: To protect floodplains, riparian areas, springs, and public water reserves.</p> <p>Exception: An exception could be authorized if: (a) there are no practical alternatives, (b) impacts could be fully mitigated, or (c) the action is designed to benefit and enhance the resource values.</p> <p>Modification: None</p> <p>Waiver: None</p>
River Corridors, including suitable Wild and Scenic River Segments	Green, Colorado, and Dolores, Rivers (65,037 acres including 151.5 miles of suitable Wild and Scenic river segments along the Colorado, Green, and	NSO	<p>No surface-disturbing activities within the area of the Three Rivers and Westwater mineral withdrawals which includes suitable Wild and Scenic River segments. Where the NSO area is physically inaccessible to oil and gas drilling by current directional drilling technology (1 mile from outside the NSO area), it will be closed to oil and gas leasing. However, these lands remain NSO for all other surface-disturbing activities.</p> <p>Purpose: To protect riparian, wildlife, scenic, and recreational values along the major river corridors.</p> <p>Exception: An exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of the applicable resources. No exception for oil and gas leasing.</p>

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
	Dolores Rivers)		Exceptions could be made on the Colorado River along Highways 128 and 279, along Kane Creek Road, along the Green River from Swasey's Rapid to Ruby Ranch, and along the Dolores River from Entrada Ranch to the Colorado River confluence to maintain or improve infrastructure. These exceptions (subject to appropriate mitigation to minimize impacts to the applicable resources) could include minor rights-of-way to service private land and temporary use authorizations. Modification: None Waiver: None

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Sensitive Soils/Slopes	Bookcliffs	TL	<p>No surface-disturbing activities are allowed from November 1 to April 30 where slopes are greater than 30% in the Bookcliffs. This restriction includes heavy equipment traffic on existing roads associated with drilling operations.</p> <p>Purpose: To minimize watershed damage in fragile soils on steep slopes.</p> <p>Exception: An exception could be granted if the operator can provide a plan of development demonstrating that the proposed action would be properly designed and constructed to support the anticipated types and levels of use. Roads must be designed to meet BLM road standards for drainage control and surfaced to support heavy equipment and tractor trailers. Adjustments to the timing restriction could be considered by the Authorized Officer on a case-by-case basis, depending on current soil and weather conditions.</p> <p>Modification: None</p> <p>Waiver: None</p>
Sensitive Soils/Slopes	Slopes Greater than 30% throughout the Moab Planning Area	CSU	<p>No surface-disturbing activities are allowed on slopes greater than 30% to minimize watershed damage throughout the Moab Planning Area in fragile soils. This restriction includes heavy equipment traffic on existing roads associated with drilling operations.</p> <p>Purpose: To minimize watershed damage in fragile soils on steep slopes.</p> <p>Exception: An exception could be granted if the operator can provide a plan of development demonstrating that the proposed action would be properly designed and constructed to support the anticipated types and levels of use. Roads must be designed to meet BLM road standards for drainage control and surfaced to support heavy equipment and tractor trailers. Adjustments to the timing restriction could be considered by the Authorized Officer on a case-by-case basis, depending on current soil and weather conditions.</p> <p>Modification: None</p> <p>Waiver: None</p>

Fragile Soils/Slopes	Saline Soils in the Mancos Shale 330,142 acres	TL	<p>No surface-disturbing activities allowed during December 1 to May 31 to minimize watershed damage including compaction, rutting, and topsoil loss on saline soils derived from the Mancos Shale. This restriction includes heavy equipment traffic on existing roads associated with drilling operations.</p> <p>Purpose: To minimize watershed damage including compaction, rutting, and topsoil loss on saline soils derived from the Mancos Shale.</p> <p>Exception: An exception could be granted if the operator can provide a plan of development demonstrating that the proposed action would be properly designed and constructed to support the anticipated types and levels of use. Roads must be designed to meet BLM road standards for drainage control and surfaced to support heavy equipment and tractor trailers. Adjustments to the timing restriction could be considered by the Authorized Officer on a case-by-case basis, depending on current soil and weather conditions.</p> <p>Modification: None</p> <p>Waiver: None</p>
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Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Visual Resources	VRM II Areas 349,683 acres	CSU	<p>Surface-disturbing activities must meet VRM II class objectives.</p> <p>Purpose: To protect high quality visual resources.</p> <p>Exception: The level of change to the landscape should be low; management activities may be seen, but should not attract attention of the casual observer. Any change to the landscape must repeat the basic elements of form, line, color, and texture found in the predominant natural features of the characteristic landscape. Surface-disturbing activities that are determined to be compatible and consistent with the protection or enhancement of the resource values are exempted. Also, recognized utility corridors are exempted only for utility projects which would be managed according to VRM III objectives.</p> <p>Modification: None</p> <p>Waiver: None</p>
Visual Resources	Scenic Driving Corridors Highways 128, 279, 313, north U.S. 191; Needles, Anticline and Kane Creek Roads	CSU	<p>Surface-disturbing activities within 0.5 miles of scenic driving corridors must meet VRM II class objectives.</p> <p>Purpose: To protect the visual resources along scenic corridors.</p> <p>Exception: An exception could be granted if: (a) a view shed analysis indicates no impairment of the visual resources from the driving corridor or (b) the action is determined to be consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of these resources.</p> <p>Modification: None</p> <p>Waiver: None</p>
Visual Resources and Recreation	Sand Flats SRMA 6,246 acres	NSO	<p>No surface-disturbing activities are allowed within the Sand Flats SRMA.</p> <p>Purpose: To protect recreation and scenic values.</p> <p>Exception: An exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of the applicable resources. No exception for oil and gas leasing.</p> <p>Modification: None</p> <p>Waiver: None</p>

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Visual Resources and Recreation	Goldbar/Corona Arch Focus Area 4,191 acres	NSO	<p>No surface-disturbing activities are allowed in the Goldbar/Corona Arch area.</p> <p>Purpose: To protect primitive hiking opportunities and scenic values.</p> <p>Exception: An exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of the applicable resources. No exception for oil and gas leasing.</p> <p>Modification: None</p> <p>Waiver: None</p>
Developed Recreation Sites	Planning Area	NSO	<p>No surface-disturbing activities are allowed within 0.5 mile of current and planned developed recreation sites.</p> <p>Purpose: To protect federal investment in facilities, to provide for recreational use, and to protect the view shed from the facility.</p> <p>Exception: An exception could be granted if a viewshed analysis indicates no impairment of the visual resources from the recreation site. Also, an exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of the applicable resources. No exception for oil and gas leasing.</p> <p>Modification: None</p> <p>Waiver: None</p>
Private Property with Federal Minerals	Areas within Spanish Valley	NSO	<p>No surface-disturbing activities are allowed on private surface/Federal minerals within Spanish Valley.</p> <p>Purpose: To reduce potential surface use conflicts with homes and viewsheds.</p> <p>Exception: An exception could be granted if it can be demonstrated that the action would not result in any surface use conflicts.</p> <p>Modification: None</p> <p>Waiver: None</p>

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Private Property with Federal Minerals	City of Moab and Town of Castle Valley (Incorporated areas totaling 2,540 acres)	Closed	The incorporated areas of the City of Moab and the Town of Castle Valley are closed to mineral leasing (oil and gas, potash). Purpose: Incorporated cities and towns are closed to oil and gas leasing by Federal regulation at 43 CFR 3100.0-3(a)(2)(iii). Exception: None. Modification: None Waiver: None
Moab Airport	Moab Airport	NSO	No surface-disturbing activities are allowed within the Moab Airport area. Purpose: To eliminate potential safety issues and surface use conflicts. Exception: An exception could be granted if it can be demonstrated that the action would not result in any surface use conflicts. Modification: None Waiver: None
Moab Landfills (Klondike and Sand Flats)	Moab Landfills	NSO	No surface-disturbing activities are allowed within the Moab landfill areas. Purpose: To eliminate potential safety issues and surface use conflicts. Exception: An exception could be granted if it can be demonstrated that the action would not result in any surface use conflicts. Modification: None Waiver: None
Dead Horse Point State Park	Dead Horse Point State Park (Split estate with Federal minerals)	NSO	No surface-disturbing activities are allowed within Dead Horse Point State Park. Purpose: To protect visual resources and to facilitate management of the State Park. Exception: None. Modification: None Waiver: None

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Castle Valley including Mayberry Orchard	Split estate with Federal minerals,	NSO	No surface-disturbing activities are allowed on private surface/Federal minerals within Castle Valley including Mayberry Orchard. Exception: An exception could be granted if it can be demonstrated that the action would not result in any surface use conflicts. Modification: None Waiver: None
Thompson Springs	Thompson Springs (Split estate with Federal minerals)	NSO	No surface-disturbing activities are allowed on private surface/Federal minerals within Thompson Springs. Purpose: To reduce potential surface use conflicts with homes. Exception: An exception could be granted if it can be demonstrated that the action would not result in any surface use conflicts. Modification: None Waiver: None
Castle Valley Municipal Watershed	BLM lands within the watershed. Includes split estate lands (private surface/Federal minerals) within Castle Valley 10,321 acres	NSO	No surface-disturbing activities are allowed within the Castle Valley watershed of any public or private water supply. Purpose: To protect the sole source, unconfined, surficial aquifer of Castle Valley. Exception: An exception could be granted for activities where it can be demonstrated that the proposed action would not result in a negative impact to the aquifer. No exception for oil and gas leasing. Modification: None Waiver: None
Mill Creek-Spanish Valley Watershed (Moab area aquifer excluding the watershed within the WSA)	BLM lands within the watershed. Includes split estate lands (private surface/Federal minerals). 9,667 acres	NSO	No surface-disturbing activities are allowed within the Mill Creek-Spanish Valley watershed (Moab area aquifer excluding the WSA). Purpose: To protect the Moab area aquifer. Exception: An exception could be granted for activities where it can be demonstrated that the proposed action would not result in a negative impact to the aquifer. No exception for oil and gas leasing. Modification: None Waiver: None

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Moab Canyon Utility Corridor	Highway 191 Utility Corridor within Moab Canyon	NSO	<p>No surface-disturbing activities are allowed within the Highway 191 utility corridor within Moab Canyon other than those associated with utility right of ways.</p> <p>Purpose: To prevent future surface use conflicts along Highway 191 and within the utility corridor.</p> <p>Exception: An exception could be granted if it can be demonstrated that the action would not result in any surface use conflicts with utilities.</p> <p>Modification: None</p> <p>Waiver: None</p>
BLM Natural Areas	Beaver Creek, Fisher Towers, and Mary Jane Canyon	NSO	<p>No surface-disturbing activities are allowed within BLM Natural Areas. Certain lands within the Fisher Towers, Mary Jane, and Beaver Creek areas would be physically inaccessible to oil and gas drilling operations under a NSO stipulation and therefore are closed to oil and gas leasing. These lands remain NSO for all other surface-disturbing activities.</p> <p>Purpose: To protect areas with wilderness characteristics.</p> <p>Exception: An exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of the applicable resources. No exception for oil and gas leasing.</p> <p>Modification: None</p> <p>Waiver: None</p>
ACEC	Behind the Rocks 5,201 acres	NSO	<p>No surface-disturbing activities are allowed in the Behind the Rocks ACEC (outside of the WSA).</p> <p>Purpose: To protect scenic values, cultural resources, and sensitive plants.</p> <p>Exception: An exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or if the use would provide a public benefit or the use would provide suitable opportunities for public enjoyment of the resources. No exception for oil and gas leasing.</p> <p>Modification: None</p> <p>Waiver: None</p>

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
ACEC	Cottonwood-Diamond Watershed 35,830 acres (34,005 acres are within a WSA and are closed to leasing)	NSO	No surface-disturbing activities are allowed within the Cottonwood-Diamond ACEC. Purpose: To provide for public safety and watershed stabilization. Exception: When the hazard is no longer present, manage according to the other management provisions for the area. Modification: None Waiver: None
ACEC	Highway 279/Shafer Basin/Long Canyon 13,500 acres	NSO	No surface-disturbing activities are allowed in the Highway 279/Shafer Basin/Long Canyon ACEC. Purpose: To protect rare plants, scenic, wildlife, and cultural resources. Exception: An exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of these resources. No exception for oil and gas leasing. Modification: None Waiver: None
ACEC	Mill Creek Canyon 3,721 acres	NSO	No surface-disturbing activities are allowed in the Mill Creek Canyon ACEC. Purpose: To protect scenic, cultural, wildlife, and riparian values. Exception: An exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of these resources. No exception for oil and gas leasing. Modification: None Waiver: None

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
ACEC	Ten Mile Wash 4,980 acres	NSO	<p>No surface-disturbing activities are allowed within the Ten Mile Wash ACEC.</p> <p>Purpose: To protect cultural and riparian values.</p> <p>Exception: An exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of these resources. No exception for oil and gas leasing.</p> <p>Modification: None</p> <p>Waiver: None</p>
Mesa-top Relict Vegetation	Upper Courthouse Wash Area 3,162 acres	NSO	<p>No surface-disturbing activities are allowed on the mesa-tops in the upper Courthouse Wash area.</p> <p>Purpose: To protect relict vegetation.</p> <p>Exception: An exception could be authorized if the use is consistent and compatible with protection or enhancement of the resource values or the use would provide suitable opportunities for public enjoyment of these resources. No exception for oil and gas leasing.</p> <p>Modification: None</p> <p>Waiver: None</p>
Special Status Species: Greater Sage-grouse	Lek Sites within Sage-grouse habitat 3,068 acres	CSU	<p>No surface-disturbing activities will be allowed within 0.5 mile of a lek within greater sage-grouse habitat.</p> <p>Purpose: To protect occupied lek sites within Greater sage-grouse habitat.</p> <p>Exception: An exception may be granted by the Authorized Officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if (1) portions of the area do not include lek sites, or (2) the lek site(s) have been completely abandoned or destroyed, or (3) occupied lek site(s) occur outside the current defined area; as determined by the BLM.</p> <p>Waiver: A waiver may be granted if there are no active lek site(s) in the leasehold and it is determined the site(s) have been completely abandoned or destroyed or occur outside current defined area, as determined by the BLM.</p>

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Special Status Species: Greater Sage-grouse	Nesting and Brood Rearing Habitat 3,068 acres	TL	<p>No surface-disturbing activities in mapped nesting and brood rearing habitat within 2.0 miles of a greater sage-grouse lek from March 15th to July 15th.</p> <p>Purpose: To protect occupied nesting and brood rearing habitat for the Greater sage-grouse.</p> <p>Exception: An exception may be granted by the Authorized Officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated or it is determined the brooding/nesting habitat is <u>not active</u>.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if (1) portions of the area do not include brooding/nesting habitat, or (2) the brooding/nesting habitat has been completely abandoned or destroyed, or (3) occupied brooding/nesting habitat occurs outside the current defined area; as determined by the BLM.</p> <p>Waiver: A waiver may be granted if there is no active brooding/nesting habitat in the leasehold and it is determined the habitat has been completely abandoned or destroyed or occurs outside the current defined area, as determined by the BLM.</p>
Special Status Species: Greater Sage-grouse	Winter Habitat 3,068 acres	TL	<p>No surface-disturbing activities in mapped Greater sage-grouse winter habitat from November 15th to March 14th.</p> <p>Purpose: To protect occupied winter habitat for the Greater sage-grouse.</p> <p>Exception: An exception may be granted by the Authorized Officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated or it is determined the habitat is <u>not occupied</u> during the winter season.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if (1) portions of the area do not include winter habitat, or (2) the brooding/nesting habitat has been completely abandoned or destroyed, or (3) occupied winter activity occurs outside the current defined area; as determined by the BLM.</p> <p>Waiver: A waiver may be granted if the winter habitat in the leasehold has been completely abandoned or destroyed or occurs outside the current defined area, as determined by the BLM.</p>

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Special Status Species: Gunnison Sage-grouse	Lek Sites within Sage-grouse habitat 175,727 acres	CSU	<p>No surface-disturbing activities will be allowed within 0.6 mile of a lek where Gunnison sage-grouse leks are discovered within sage-grouse habitat.</p> <p>Purpose: To protect occupied lek sites within Gunnison sage-grouse habitat.</p> <p>Exception: An exception may be granted by the Authorized Officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if (1) portions of the area do not include lek sites, or (2) the lek site(s) have been completely abandoned or destroyed, or (3) occupied lek site(s) occur outside the current defined area, as determined by the BLM.</p> <p>Waiver: A waiver may be granted if there are no active lek site(s) in the leasehold and it is determined the site(s) have been completely abandoned or destroyed or occur outside current defined area, as determined by the BLM.</p>

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Special Status Species: White-tailed Prairie Dog	White-tailed prairie dog habitat 117,481 acres	CSU Open with standard terms for oil and gas leasing. The 200 meter rule can be applied.	<p>No surface-disturbing activities within 660 feet of prairie dog colonies identified within prairie dog habitat. No permanent aboveground facilities are allowed within the 660 feet buffer.</p> <p>Purpose: To protect white-tailed prairie dog habitat.</p> <p>Exception: An exception may be granted by the Authorized Officer if the applicant submits a plan that indicates that impacts of the proposed action can be adequately mitigated or, if due to the size of the town, there is no reasonable location to develop a lease and avoid colonies the Authorized Officer will allow for loss of prairie dog colonies and/or habitat to satisfy terms and conditions of the lease.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if portions of the area does not include prairie dog habitat or <u>active</u> colonies are found outside current defined area, as determined by BLM.</p> <p>Waiver: May be granted if in the leasehold it is determined that habitat no longer exists or has been destroyed.</p>
Special Status Species: Gunnison Prairie Dog	Gunnison prairie dog habitat 10,740 acres	CSU Open with standard terms for oil and gas leasing. The 200 meter rule can be applied.	<p>No surface-disturbing activities within 660 feet of active prairie dog colonies identified within prairie dog habitat. No permanent aboveground facilities are allowed within the 660 feet buffer.</p> <p>Purpose: To protect Gunnison prairie dog habitat.</p> <p>Exception: An exception may be granted by the Authorized Officer if the applicant submits a plan that indicates that impacts of the proposed action can be adequately mitigated or, if due to the size of the town, there is no reasonable location to develop a lease and avoid colonies the Authorized Officer will allow for loss of prairie dog colonies and/or habitat to satisfy terms and conditions of the lease.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if portions of the area does not include prairie dog habitat or <u>active</u> colonies are found outside current defined area, as determined by BLM.</p> <p>Waiver: May be granted if it is determined that the habitat no longer exists or has been destroyed within the leasehold.</p>

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Wildlife : Desert Bighorn Sheep	Desert Bighorn Lambing Grounds and Migration Corridors 101,897 acres	NSO	<p>No surface-disturbing activities are allowed within desert bighorn lambing grounds and migration corridors.</p> <p>Purpose: To minimize disturbance within desert bighorn lambing grounds and migration corridors.</p> <p>Exception: Within migration corridors, pipeline and road construction and geophysical exploration for oil and gas development would be allowed from June 16th through October 14th and from December 16th through March 31st. The Authorized Officer may also grant an exception if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if a portion of the area is (1) not being used as desert bighorn lambing grounds or migration corridors (2) if habitat is being utilized outside of stipulation boundaries for and needs to be protected.</p> <p>Waiver: A waiver may be granted if the habitat is determined as unsuitable for lambing or migration and there is no reasonable likelihood of future use as desert bighorn lambing and/or rutting grounds and migration corridors.</p>
Wildlife: Pronghorn	Pronghorn Fawning Grounds within Cisco Desert & Hatch Point (LaSal Wildlife Management Units) 293,741 acres	TL Open with standard terms for oil and gas leasing. The 60 day rule can be applied	<p>No surface-disturbing activities allowed from May 1 to June 15 within Cisco Desert & Hatch Point pronghorn fawning grounds to minimize stress and disturbance during pronghorn birthing time.</p> <p>Exception: May be granted to these dates by the Authorized Officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated or if it is determined the habitat is not being utilized for fawning in any given year.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if a portion of the area is not being used as fawning grounds or if habitat is being utilized outside of stipulation boundaries as crucial fawning grounds and needs to be protected.</p> <p>Waiver: May be granted if the fawning grounds are determined to be unsuitable or unoccupied and there is no reasonable likelihood of future use of the fawning grounds.</p>

Table A1 Resources of Concern and Stipulations Including Exceptions, Modifications, and Waivers

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Wildlife : Deer & Elk	Deer and Elk Winter Range 349,955 acres	TL	<p>No surface-disturbing activities from November 15 to April 15 within crucial deer and/or elk winter range to minimize stress and disturbance to deer and elk during winter months.</p> <p>Purpose: To protect deer and/or elk crucial winter habitat</p> <p>Exception: This stipulation does not apply to the maintenance and operation of existing and ongoing facilities. An exception may be granted by the Authorized Officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated or it is determined the habitat is not being utilized during the winter period for any given year.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area (1) if a portion of the area is not being used as winter range by deer/elk or (2) if habitat is being utilized outside of stipulation boundaries as winter range and needs to be protected or (3) if the migration patterns have changed causing a difference in the season of use.</p> <p>Waiver: May be granted if the winter range habitat is unsuitable or unoccupied during winter months by deer/elk and there is no reasonable likelihood of future winter range use.</p>
Wildlife – Deer & Elk	Deer and Elk Fawning and Calving Habitat (Bookcliffs and La Sal Wildlife Management Units) 105,636 acres	TL Open with standard terms for oil and gas leasing. The 60 day rule can be applied	<p>No surface-disturbing activities in deer and elk fawning and calving habitat from May 15 to June 30, to minimize stress and disturbance during this period.</p> <p>Purpose: To minimize stress and disturbance during this period.</p> <p>Exception: This stipulation does not apply to the maintenance and operation of existing and ongoing facilities. An exception may be granted by the Authorized Officer if the operator submits a plan which demonstrates that impacts from the proposed action can be adequately mitigated or it is determined the habitat is not being utilized during the critical period for any given year.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area (1) if a portion of the area is not being used as fawning and calving habitat or (2) if the habitat is being utilized outside of stipulation boundaries and needs to be protected or (3) if the migration patterns have changed causing a difference in the season of use.</p> <p>Waiver: May be granted if the fawning and calving habitat is unsuitable or unoccupied during winter months by deer/elk and there is no reasonable likelihood of future winter range use.</p>

Table A2 Closed Areas (Nondiscretionary)

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Wilderness Study Areas	Behind The Rocks (12,635 acres), Black Ridge (52 acres), Coal Canyon (64,546 acres), Desolation Canyon (81,603 acres), Floy Canyon (72,605 acres), Flume Canyon (50,800 acres), Lost Spring Canyon (1,624 acres), Mill Creek Canyon (9,780 acres), Negro Bill Canyon (7,820 acres), Spruce Canyon (20,990 acres), West Water Canyon (31,160 acres). Total = 353,606 acres	Closed	Areas within Wilderness Study Areas are closed to oil and gas leasing and other surface-disturbing activities. Purpose: To protect wilderness values. Exception: None Modification: None Waiver: None
Designated wilderness	Black Ridge (5,200 acres)	Closed	The designated Black Ridge Wilderness is closed to oil and gas leasing and other surface-disturbing activities. Purpose: To protect wilderness values. Exception: None Modification: None Waiver: None

Table A3 Closed Areas (Discretionary)

<p>Lands where a NSO stipulation is not reasonable because they would be physically inaccessible to oil and gas directional drilling operations.</p>	<p>Within areas of the Three Rivers Withdrawal, and within the Beaver Creek Fisher Towers and Mary Jane BLM natural areas (25,306 acres).</p>	<p>Closed</p>	<p>The lands identified are closed to oil and gas leasing because they would be physically inaccessible by directional drilling operations using current technology if a NSO stipulation were to be applied. These areas remain NSO for all other surface-disturbing activities. Purpose: To protect the resource values within the areas identified. Exception: None Modification: None Waiver: None</p>
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Table A4 Standard Terms and Conditions (Oil and Gas Lease Notices) Applicable to all Surface-disturbing Activities which are Required to Protect Special Status and Federally Protected Species and to Comply with Endangered Species Act

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Special Status Species: Mexican Spotted Owl (MSO)	MSO Habitat and Nest Sites 121,686 acres	CSU/TL	<p>In areas that contain suitable habitat for MSO or designated Critical Habitat, actions will be avoided or restricted that may cause stress and disturbance during nesting and rearing of their young. Appropriate measures will depend on whether the action is temporary or permanent and whether it occurs within or outside the owl nesting season. A temporary action is completed prior to the following breeding season leaving no permanent structures and resulting in no permanent habitat loss. A permanent action continues for more than one breeding season and/or causes a loss of owl habitat or displaces owls through disturbances, i.e., creation of a permanent structure. Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to implementation of the proposed action. All surveys must be conducted by qualified individual(s) acceptable to the BLM. 2. Assess habitat suitability for both nesting and foraging using accepted habitat models in conjunction with field reviews. Apply the conservation measures below if project activities occur within 0.5 mile of suitable owl habitat. Determine potential effects of actions to owls and their habitat. <ol style="list-style-type: none"> a. Document type of activity, acreage and location of direct habitat impacts, type and extent of indirect impacts relative to location of suitable owl habitat. b. Document if action is temporary or permanent. 3. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated, and, if necessary, Section 7 consultation reinitiated. 4. Any activity that includes water production will be managed to ensure maintenance or enhancement of riparian habitat. 5. Where technically and economically feasible, use directional drilling or multiple wells from the same pad

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<p>to reduce surface disturbance and eliminate drilling in canyon habitat suitable for MSO nesting.</p> <p>6. For all temporary actions that may impact owls or suitable habitat:</p> <ul style="list-style-type: none"> a. If the action occurs entirely outside of the owl breeding season from March 1 through August 31, and leaves no permanent structure or permanent habitat disturbance, the action can proceed without an occupancy survey. b. If the action will occur during a breeding season, a survey for owls is required prior to commencing the activity. If owls are found, the activity shall be delayed until outside of the breeding season. c. Rehabilitate access routes created by the project through such means as raking out scars, re-vegetation, gating access points, etc. <p>7. For all permanent actions that may impact owls or suitable habitat:</p> <ul style="list-style-type: none"> a. Survey two consecutive years for owls according to accepted protocol prior to commencing activities. b. If owls are found, no disturbing actions will occur within 0.5 mile of an identified site. If nest site is unknown, no activity will occur within the designated current and historic Protected Activity Center (PAC). c. Avoid permanent structures within 0.5 mile of suitable habitat unless surveyed and not occupied. d. Reduce noise emissions (e.g., use hospital-grade mufflers) to 45 dBA at 0.5 mile from suitable habitat, including canyon rims. Placement of permanent noise-generating facilities should be contingent upon a noise analysis to ensure noise does not encroach upon a 0.5 mile buffer for suitable habitat, including canyon rims. e. Limit disturbances to and within suitable habitat by staying on designated and/or approved routes. f. Limit new access routes created by the project. <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the U.S. Fish and Wildlife Service between the lease sale stage and</p>

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<p>lease development stage to ensure continued compliance with the ESA.</p> <p>Modifications to the Surface Use Plan of Operations may be required in order to protect the MSO and/or habitat in accordance with Section 6 of the lease terms, the Endangered Species Act, and the regulations at 43 CFR 3101.1-2.</p> <p>Exception: An exception may be granted by the Authorized Officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The Authorized Officer may also grant an exception if an environmental analysis indicates that the nature or the conduct of the actions would not impair the primary constituent element determined necessary for the survival and recovery of the MSO and USFWS concurs with this determination.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if an environmental analysis indicates and USFWS (through applicable provisions of the ESA) determines a portion of the area is not being used as Critical Habitat.</p> <p>Waiver: A waiver may be granted if the MSO is de-listed and the Critical Habitat is determined by USFWS as not necessary for the survival and recovery of the MSO.</p>
Federally Protected Species: Bald Eagles	Nest sites and winter roost areas within habitat for Bald Eagles 143,421 acres	CSU/TL	<p>In areas that contain habitat for the bald eagle, actions will be avoided or restricted that may cause stress and disturbance during nesting and rearing of their young. Appropriate measures will depend on whether the action is temporary or permanent, and whether it occurs within or outside the bald eagle breeding or roosting season. A temporary action is completed prior to the following breeding or roosting season leaving no permanent structures and resulting in no permanent habitat loss. A permanent action continues for more than one breeding or roosting season and/or causes a loss of eagle habitat or displaces eagles through disturbances, i.e., creation of a permanent structure. Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All surveys must be conducted by qualified individual(s), and be conducted according to protocol.

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<p>2. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures would be evaluated.</p> <p>3. Water production will be managed to ensure maintenance or enhancement of riparian habitat.</p> <p>4. Temporary activities within 1.0 mile of nest sites will not occur during the breeding season of January 1 to August 31, unless the area has been surveyed according to protocol and determined to be unoccupied.</p> <p>5. Temporary activities within 0.5 miles of winter roost areas, e.g., cottonwood galleries, will not occur during the winter roost season of November 1 to March 31, unless the area has been surveyed according to protocol and determined to be unoccupied.</p> <p>6. No permanent infrastructure will be placed within 1.0 mile of nest sites.</p> <p>7. No permanent infrastructure will be placed within 0.5 miles of winter roost areas.</p> <p>8. Remove big game carrion to 100 feet from on lease roadways occurring within bald eagle foraging range.</p> <p>9. Avoid loss or disturbance to large cottonwood gallery riparian habitats.</p> <p>10. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable habitat. Utilize direction drilling to avoid direct impacts to large cottonwood gallery riparian habitats. Ensure that such direction drilling does not intercept or degrade alluvial aquifers.</p> <p>11. All areas of surface disturbance within riparian areas and/or adjacent uplands should be re-vegetated with native species.</p> <p>Additional measures may also be employed to avoid or minimize effects to the species between the lease stage and lease development stage. These additional measures will be developed and implemented in coordination with the USFWS to ensure continued compliance with the Bald Eagle Protection Act.</p> <p>Purpose: To protect bald eagle habitat.</p> <p>Exception: An exception may be granted by the Authorized Officer if authorization is obtained from USFWS (through</p>

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Federally Protected Species: Golden Eagle	Golden Eagle nest sites and territories 12,902 acres	CSU/TL	<p>applicable provisions of the ESA). The Authorized Officer may also grant an exception if an environmental analysis indicates that the nature of the conduct of the actions, as proposed or conditioned, will not impair the primary constituent element determined necessary for the survival and recovery of the Bald Eagles and USFWS and UDWR concur with this determination.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if an environmental analysis indicates, and USFWS and UDWR (through applicable provisions of the ESA) determines that a portion of the area is not being used as Bald Eagle nesting territories.</p> <p>Waiver: May be granted if Bald Eagles are de-listed and if USFWS and UDWR determine it is not necessary to protect nesting territories according to the Endangered Species Act and The Bald Eagle Protection Act or if there is no reasonable likelihood of site occupancy over a minimum 10 year period.</p>
			<p>No surface-disturbing activities will be allowed within a 0.5 miles radius of documented Golden Eagle nest sites within nesting territories from February 1 to July 15th or until fledgling and dispersal of young. Any access created by the action will be outside of nesting season and will be eliminated once action is complete.</p> <p>Purpose: To protect Golden Eagle nest sites and nesting territories.</p> <p>Exception: An exception may be granted by the Authorized Officer if authorization is obtained from USFWS and UDWR. The Authorized Officer may also grant an exception if an environmental analysis indicates that the nature or the conduct of the actions, as proposed or conditioned, will not impair the primary constituent element determined necessary for the survival and recovery of the Golden Eagle.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if an environmental analysis indicates and USFWS and UDWR determine a portion of the area is not being used as Golden Eagle nesting territories.</p> <p>Waiver: A waiver may be granted if an individual Golden Eagle nest has been inactive (unoccupied) for at least a period of 3 years. Nest-monitoring data for a 3-year period will be required before the waiver could be granted.</p>

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
Special Status Species: Southwestern Willow Flycatcher	Southwestern Willow Flycatcher Habitat (riparian areas)	CSU/TL	<p>In areas that contain riparian habitat within the range for the Southwestern willow flycatcher, actions will be avoided or restricted that may cause stress and disturbance during nesting and rearing of their young. Appropriate measures will depend on whether the action is temporary or permanent, and whether it occurs within or outside the nesting season. A temporary action is completed prior to the following breeding season leaving no permanent structures and resulting in no permanent habitat loss. A permanent action continues for more than one breeding season and/or causes a loss of habitat or displaces flycatchers through disturbances, i.e., creation of a permanent structure. The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration of, and adherence to these measures, will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage.</p> <p>Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All surveys must be conducted by qualified individual(s) and be conducted according to protocol. 2. Activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated and, if necessary, Section 7 consultation reinitiated. 3. Water production will be managed to ensure maintenance or enhancement of riparian habitat. 4. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable riparian habitat. Ensure that such directional drilling does not intercept or degrade alluvial aquifers. 5. Activities will maintain a 300 feet buffer from suitable riparian habitat year long. 6. Activities within 0.25 mile of occupied breeding habitat will not occur during the breeding season of May 1 to August 15

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<p>7. Ensure that water extraction or disposal practices do not result in change of hydrologic regime that will result in loss or degradation of riparian habitat.</p> <p>8. Re-vegetate with native species all areas of surface disturbance within riparian areas and/or adjacent land. Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the USFWS between the lease sale stage and lease development stage to ensure continued compliance with the ESA.</p> <p>Exception: An exception may be granted by the Authorized Officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The Authorized Officer may also grant an exception if an environmental analysis indicates that the nature of the conduct of the actions, as proposed or conditioned, will not impair the primary constituent element determined necessary for the survival and recovery of the southwestern willow flycatcher and USFWS concurs with this determination.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if an environmental analysis indicates, and USFWS (through applicable provisions of the ESA) determines that a portion of the area is not being used as southwestern willow flycatcher habitat.</p> <p>Waiver: May be granted if the southwestern willow flycatcher is de-listed and if USFWS determines it is not necessary for the survival and recovery of the southwestern willow flycatcher.</p>
Special Status Species: Yellow-billed Cuckoo	Yellow-billed Cuckoo Habitat	CSU/TL	<p>No surface-disturbing activities will be conducted within 100 meters of Yellow-billed Cuckoo habitat (riparian areas) from May 15th through July 20th.</p> <p>Purpose: To manage Yellow-billed Cuckoo habitat.</p> <p>Exception: An exception may be granted by the Authorized Officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The Authorized Officer may also grant an exception if an environmental analysis indicates that the nature of the conduct of the actions, as proposed or conditioned, will not impair the primary constituent element determined necessary for the survival and recovery of the Yellow-billed Cuckoo and USFWS concurs with this determination.</p>

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if an environmental analysis indicates, and USFWS (through applicable provisions of the ESA) determines that a portion of the area is not being used as Yellow-billed Cuckoo habitat.</p> <p>Waiver: May be granted if the Yellow-billed Cuckoo is de-listed and if USFWS determines it is not necessary for the survival and recovery of the Yellow-billed Cuckoo.</p>
Special Status Species--Sensitive Raptor Species: Ferruginous Hawk and Burrowing Owl	Raptor Habitat Ferruginous Hawk (158,928 acres) Burrowing Owl (1,652,024 acres)	CSU/TL	<p>No surface disturbances or occupancy will be conducted during the breeding and nesting season (March 1 to August 31 for burrowing owl and March 1 – August 1 for ferruginous hawk) within spatial buffers (0.25 mile for burrowing owl and 0.5 mile for ferruginous hawk) of known nesting sites.</p> <p>Purpose: To protect raptor habitat.</p> <p>Exception: An exception would be granted if protocol surveys determine that nesting sites, breeding territories, and winter roosting areas are not occupied.</p> <p>Modification: The Authorized Officer may modify the boundaries of the stipulation area if portions of the area do not include habitat or are outside the current defined area, as determined by the BLM.</p> <p>Waiver: May be granted if it is determined the habitat no longer exists or has been destroyed.</p>
Special Status Species: Critical Habitat of the Endangered Colorado River Fishes	Colorado River, Green River, Dolores River/Colorado River confluence, and all associated back waters 48,513 acres	NSO	<p>Surface-disturbing activities within the 100 year floodplain of the Colorado River, Green River, and at the Dolores/Colorado River confluence will not be allowed or lands within this watershed that contains tributaries with designated critical habitat for the Colorado River fish (bonytail, humpback chub, Colorado pike minnow, and razorback sucker) listed as endangered under the Endangered Species Act. Critical habitat was designated for the four endangered Colorado River fishes on March 21, 1994(59 FR 13374-13400). Designated critical habitat for all the endangered fishes includes those portions of the 100-year floodplain that contain primary constituent elements necessary for survival of the species. Avoidance or use restrictions may be placed on portions of the lease. The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration, of and adherence to these measures</p>

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<p>will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage.</p> <p>Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All Surveys must be conducted by qualified individual(s). 2. Lease activities will require monitoring throughout the duration of the project. To ensure desired results are being achieved, minimization measures will be evaluated and, if necessary, Section 7 consultation reinitiated. 3. Water production will be managed to ensure maintenance or enhancement of riparian habitat. 4. Avoid loss or disturbance of riparian habitats. 5. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable riparian habitat. Ensure that such directional drilling does not intercept or degrade alluvial aquifers. 6. Conduct watershed analysis for leases in designated critical habitat and overlapping major tributaries in order to determine toxicity risk from permanent facilities. 7. Implement the Utah Oil and Gas Pipeline Crossing Guidance (from BLM National Science and Technology Center). 8. Drilling will not occur within 100 year floodplains of rivers or tributaries to rivers that contain listed fish species or critical habitat. 9. In areas adjacent to 100-year flood plains, particularly in systems prone to flash floods, analyze the risk for flash floods to impact facilities, and use closed loop drilling, and pipeline burial or suspension according to the Utah Oil and Gas Pipeline Crossing Guidance, to minimize the potential for equipment damage and resulting leaks or spills. <p>Water depletions from any portion of the Upper Colorado River drainage basin above Lake Powell are considered to adversely</p>

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<p>affect or adversely modify the critical habitat of the four resident endangered fish species, and must be evaluated with regard to the criteria described in the Upper Colorado River Endangered Fish Recovery Program. Formal consultation with USFWS is required for all depletions. All depletion amounts must be reported to BLM.</p> <p>Additional measures to avoid or minimize effects to the species may be developed and implemented in consultation with the U.S. Fish and Wildlife Service between the lease sale stage and lease development stage to ensure continued compliance with the ESA.</p> <p>Exception: An exception may be granted by the authorized officer if: 1) There is no practical alternative, and 2) the development would enhance riparian/aquatic values. This exception would require consultation with the USFWS. The authorized officer may also grant an exception if an environmental analysis indicates that the nature or the conduct of the actions, as proposed or conditioned, would not impair the primary constituent element determined necessary for the survival and recovery of the Endangered Colorado River fishes.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an environmental analysis indicates, and USFWS (through applicable provisions of the ESA) determines a portion of the area is not being used as Critical Habitat.</p> <p>Waiver: A waiver may be granted if the Endangered Colorado River Fishes are de-listed and the Critical Habitat is determined by USFWS as not necessary for the survival and recovery of the Endangered Colorado River fishes.</p>
Special Status Species: Kit Fox	Kit Fox Habitat Throughout planning area	CSU	<p>No surface disturbances within 200 meters of a kit fox den.</p> <p>Purpose: To protect Kit Fox habitat.</p> <p>Exception: An exception will be granted if protocol surveys determine that Kit Fox dens are not present.</p> <p>Modification: The Authorized Officer may modify the stipulation area if portions of the area do not contain habitat.</p> <p>Waiver: A waiver may be granted if it is determined that the habitat no longer exists.</p>
Special Status Species: California Condor	California Condor Potential Habitat	CSU/TL	Avoidance or use restrictions may be placed on portions on areas known or suspected to be used by condors. Application of

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
	Throughout planning area		<p>appropriate measures will depend on whether the action is temporary or permanent, and whether it occurs within or outside potential habitat. A temporary action is completed prior to the following important season of use, leaving for habitat functionality. A permanent action continues for more than one season of habitat use, and/or causes a loss of condor habitat function or displaces condors through continued disturbance (i.e. creation of a permanent structure requiring repetitious maintenance, or emits disruptive levels of noise).</p> <p>The following avoidance and minimization measures have been designed to ensure activities carried out on the lease are in compliance with the Endangered Species Act. Integration of, and adherence to these measures will facilitate review and analysis of any submitted permits under the authority of this lease. Following these measures could reduce the scope of Endangered Species Act, Section 7 consultation at the permit stage.</p> <p>Current avoidance and minimization measures include the following:</p> <ol style="list-style-type: none"> 1. Surveys will be required prior to operations unless species occupancy and distribution information is complete and available. All Surveys must be conducted by qualified individual(s) approved by the BLM, and must be conducted according to approved protocol. 2. If surveys result in positive identification of condor use, all lease activities will require monitoring throughout the duration of the project to ensure desired results of applied mitigation and protection. Minimization measures will be evaluated during development and, if necessary, Section 7 consultation may be reinitiated. 3. Temporary activities within 1.0 mile of nest sites will not occur during the breeding season. 4. Temporary activities within 0.5 miles of established roosting sites or areas will not occur during the season of use, August 1 to November 31, unless the area has been surveyed according to protocol and determined to be unoccupied. 5. No permanent infrastructure will be placed within 1.0 mile of nest sites. 6. No permanent infrastructure will be placed within 0.5

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<p>miles of established roosting sites or areas.</p> <p>7. Remove big game carrion to 100 feet from on lease roadways occurring within foraging range.</p> <p>8. Where technically and economically feasible, use directional drilling or multiple wells from the same pad to reduce surface disturbance and eliminate drilling in suitable habitat Utilize directional drilling to avoid direct impacts to large cottonwood gallery riparian habitats. Ensure that such directional drilling does not intercept or degrade alluvial aquifers.</p> <p>9. Reinitiation of section 7 consultation with the Service will be sought immediately if mortality or disturbance to California condors is anticipated as a result of project activities. Additional site-specific measures may also be employed to avoid or minimize effects to the species. These additional measures will be developed and implemented in consultation with the U.S. Fish and Wildlife Service to ensure continued compliance with the ESA.</p> <p>Additional measures may also be employed to avoid or minimize effects to the species between the lease sale and lease development stages. These additional measures will be developed and implemented in consultation with the U.S. Fish and Wildlife Service to ensure continued compliance with the Endangered Species Act.</p> <p>Exception: An exception may be granted by the authorized officer if authorization is obtained from USFWS (through applicable provisions of the ESA). The authorized officer may also grant an exception if an analysis indicates that the nature of the conduct of the actions, as proposed or conditioned, would not impair the primary constituent element determined necessary for the survival and recovery of the California Condor and USFWS concurs with this determination.</p> <p>Modification: The authorized officer may modify the boundaries of the stipulation area if an analysis indicates, and USFWS (through applicable provisions of the ESA) determines that a portion of the area is not being used as California Condor nesting or roosting territories.</p> <p>Waiver: May be granted (through applicable provisions of the ESA) if there is no reasonable likelihood of site occupancy over</p>

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
<p>Special Status Species: <i>Jones cycladenia</i> (<i>C. humilis</i> var. <i>jonesii</i>)</p>	<p>Potential, suitable, and occupied habitat</p>	<p>TL/CSU</p>	<p>a minimum 10-year period.</p> <p>In order to minimize effects to the federally threatened Jones Cycladenia, the Bureau of Land Management (BLM), in coordination with the U.S. Fish and Wildlife Service (Service), has developed the following avoidance and minimization measures. Implementation of these measures will help ensure the activities carried out during oil and gas development (including but not limited to drilling, production, and maintenance operations) are in compliance with the endangered Species Act (ESA).</p> <p>The following avoidance and minimization measures should be included in the Plan of Development:</p> <ol style="list-style-type: none"> 1. Pre-project habitat assessments will be completed across 100% of the project disturbance area within potential habitat¹ prior to any ground disturbing activities (including ATV use) to determine if suitable Jones Cycladenia habitat is present. 2. Site inventories will be conducted within suitable habitat to determine occupancy. Where standard surveys are technically infeasible and otherwise hazardous due to topography, slope, etc. suitable habitat will be assessed and mapped for avoidance (hereafter, "avoidance areas"); in such cases, in general, 300' buffers will be maintained between surface disturbance and avoidance areas. However, site specific distances will need to be approved by FWS and BLM when disturbance will occur upslope of habitat. Where conditions allow, inventories: <ol style="list-style-type: none"> a. Must be conducted by qualified individuals(s) and according to BLM and Service accepted survey protocols. b. Will be conducted in suitable and occupied habitat for all areas proposed for surface disturbance prior to initiation of project activities and within the same growing season, at a time when the plant can be detected (usually April 15th to June 5th, however, surveyors should verify that the plant is flowering by contacting a BLM or FWS botanist or demonstrating that the nearest known population is in flower).

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<ul style="list-style-type: none"> c. Will occur within 300' from the centerline of the proposed right-of-way for surface pipelines or roads; and within 300' from the perimeter of disturbance for the proposed well pad including the well pad, d. Will include, but not be limited to, plant species lists and habitat characteristics, and e. Will be valid until April 15th the following year. <p>3. Design project infrastructure to minimize impacts within suitable habitat:</p> <ul style="list-style-type: none"> a. Where standard surveys are technically infeasible, infrastructure and activities will avoid all suitable habitat (voidance areas) and incorporate 300' buffers, in general; however, site specific distances will need to be approved by FWS and BLM when disturbance will occur upslope of habitat, b. Reduce well pad size to the minimum needed, without compromising safety, c. Where technically and economically feasible, use directional drilling or multiple wells from the same pad, d. Limit new access routes created by the project, e. Roads and utilities should share common right-of-ways where possible, f. Reduce the width of right-of-ways and minimize the depth of excavation needed for the road bed; where feasible, use the natural ground surface for the road within habitat, g. Place signing to limit off-road travel in sensitive areas, and h. Stay on designated routes and other cleared/approved areas, i. All disturbed areas will be revegetated with native species comprised of species indigenous to the area and non-native species that are not likely to invade other areas. <p>4. Within occupied habitat, project infrastructure will be designed to avoid direct disturbance and minimize indirect impacts to populations and to individual plants:</p> <ul style="list-style-type: none"> a. Follow the above recommendations (#3) for

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<p>project design within suitable habitats, To avoid water flow and/or sedimentation into occupied habitat and avoidance areas, silt fences, hay bales, and similar structures or practices will be incorporated into the project design; appropriate placement of fill is encouraged,</p> <p>b. Construction of roads will occur such that the edge of the right of way is at least 300' from any plant and 300' from avoidance areas;</p> <p>c. Roads will be graveled with occupied habitat; the operator is encouraged to apply water for dust abatement to such areas from April 15th to June 5th (flowering period); dust abatement applications will be comprised of water only,</p> <p>d. The edge of the well pad should be located at least 300' away from plants and avoidance areas, in general; however, site specific distances will need to be approved by FWS and BLM when disturbance will occur upslope of habitat,</p> <p>e. Surface pipelines will be laid such that a 300' buffer exists between the edge of the right of way and plants and 300' between the edge of right of way and avoidance areas; use stabilizing and anchoring techniques when the pipeline crossed suitable habitat to ensure pipelines don't move towards the population; site specific distances will need to be approved by FWS and BLM when disturbance will occur upslope of habitat,</p> <p>f. Construction activities will not occur from April 15th through June 5th within occupied habitat,</p> <p>g. Before and during construction, areas for avoidance should be visually identifiable in the field, e.g., flagging temporary fencing, rebar, etc.,</p> <p>h. Place produced oil, water, or condensate tanks in centralized locations, away from occupied habitat, and</p> <p>i. Minimize the disturbed area of producing well locations through interim and final</p>

Resource Of Concern	Applicable Area	Stipulation Code	Stipulation Description
			<p>reclamation. Reclaim well pads following drilling to the smallest area possible.</p> <p>5. Occupied Jones Cycladenia habitats within 300' of the edge of the surface pipelines' right-of-ways, 300' of the edge of the roads' right-of-ways, and 300' from the edge of the well pad shall be monitored for a period of three years after ground disturbing activities. Monitoring will include annual plant surveys to determine plant and habitat impacts relative to project facilities. Annual reports shall be provided to the BLM and the Service. To ensure desired results are being achieved, minimization measures will be evaluated and may be changed after a thorough review of the monitoring results and annual reports during annual meetings between the BLM and the Service.</p> <p>Reinitiation of section 7 consultation with the Service will be sought immediately if any loss of plants or occupied habitat for the Jones Cycladenia is anticipated as a result of project activities. Additional site-specific measures may also be employed to avoid or minimize effects to the species. These additional measures will be developed and implemented in consultation with the U.S. Fish and Wildlife Service to ensure continued compliance with the ESA.</p>

LUP AMENDMENT/MAINTENANCE SHEET

Office: Moab Field Office

Plan Name: Moab ROD/Approved RMP

Maintenance Change No. : 34

Program: Special Status Species

LOCATION OF CHANGE

Decision Number: SSS-31

Page Number: 125 - Stipulation is on pg A-29 Exception Line

Column Number: n/a

Line Number: n/a

CHANGE

Delete: SSS-31 Protect kit fox by precluding surface disturbing activities within 200 m of a kit fox den.

Stipulation is on pg. A-29 Exception Line

An exception would be granted if protocol surveys determine that Kit Fox dens are not present

Insert: Protect kit fox by precluding surface disturbing activities within 200 m of an occupied kit fox den.




Stipulation is on pg. A-29 Exception Line

An exception would be granted if protocol surveys determine that Kit Fox dens are not occupied

REASON(s)

Clarification, impacts associated with surface disturbing activities are relevant only if the dens are being utilized by the kit fox. Surface disturbing activities near unoccupied dens will not impact the species.

SIGNATURES

Program Lead		Date: <u>1/23/12</u>
Environmental Coordinator		Date: <u>1/24/12</u>
Manager		Date: <u>1/24/12</u>

Copy sent to USO Planning:

Date: _____

Signature: _____

LUP AMENDMENT/MAINTENANCE SHEET**Office:** Moab Field Office**Plan Name:** Moab ROD/Approved RMP**Maintenance Change No. :** 35**Program:** Cultural**LOCATION OF CHANGE****Decision Number:** CUL-8**Page Number:** p. 55**Column Number:** n/a**Line Number:** n/a**CHANGE****Delete:****Insert:** Insert as second sentence in CUL-8:

Routes designated for travel in this plan will be sample-inventoried based on potential resource conflicts.

REASON(s)

This sentence, which clarifies the Class III inventory to be conducted on designated routes, was included in the SHPO consultation, but inadvertently omitted from the decision in the Record of Decision for the 2008 Moab RMP.

SIGNATURES**Program
Lead****Date:** 4/6/12**Environmental
Coordinator****Date:** 4/6/12**Manager****Date:** 4/6/12

LUP AMENDMENT/MAINTENANCE SHEET

Office: Moab Field Office

Plan Name: Moab ROD/Approved RMP

Maintenance Change No. : 36

Program: Recreation

LOCATION OF CHANGE

Decision Number: REC-42

Page Number: 94 and 95

Column Number: n/a

Line Number: n/a

CHANGE

Delete:

Delete 4.1 acres from REC-42 – Focus Area – Non-mechanized Recreation (Mill Creek Canyon Hiking Focus Area) and its associated GIS layer.

Insert:

REC-42 (pg. 95, Focus Area – Specialized Sport Venue (Motorized)) to read “Potato Salad Hill Climbing Focus Area (**4.1** acres) will be established within the boundary of the fenced areas...”

Add the 4.1 acre Potato Salad Hill Climbing Focus Area to the GIS layer and the maps accompanying the RMP.

REASON(s)

Several errors were made concerning the Potato Salad Hill Climbing Focus Area. The acreage was inadvertently written as **41** acres rather than the **4.1** acres that matches the description of the site (“within the boundary of the fenced areas” 2008 Moab RMP REC-42). In addition, the Potato Salad Hill Climbing Focus Area was inadvertently omitted from the maps attached to the RMP. This error led to the inadvertent extension of the Mill Creek Canyon Hiking Focus Area to include the Potato Salad Hill Climbing Focus Area. These two focus areas have opposing foci and management strategies. The changes above rectify these errors.

SIGNATURES

Program Lead	<i>Kate Stevens</i>	Date: 2/1/13
Environmental Coordinator	<i>Brent North</i>	Date: 2/1/13
Manager	<i>J. Michael Smith</i>	Date: 2/1/13

Copy sent to USO Planning:	Date: _____	Signature: _____
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